

# IBM

Field Engineering  
Maintenance Diagrams

Single Disk Storage [Incremental Access]

## PREFACE

This manual contains flow charts, timing charts, and special-purpose diagrams to assist in the maintenance activity on the IBM Single Disk Storage (Incremental Access).

Simplified drawings have been prepared for functions which are not readily perceptible in the system diagrams, or for which the logic requires multiple pages.

The system diagrams at the engineering level of the equipment should be used in preference to the maintenance diagrams wherever there is a conflict between the two types of diagrams.

### Third Edition (May 1969)

This manual (Form Y26-4126-2) is a complete revision of and makes obsolete, Form Y26-4126-1 and its supplement Form Y26-0163.

Significant changes or additions to the specifications contained in this publication are continually being made. When using this publication in connection with the operation of IBM equipment, check the latest FE Publications Systems Sequence Listing, Form Y20-0073, for revisions or contact the local IBM Branch Office.

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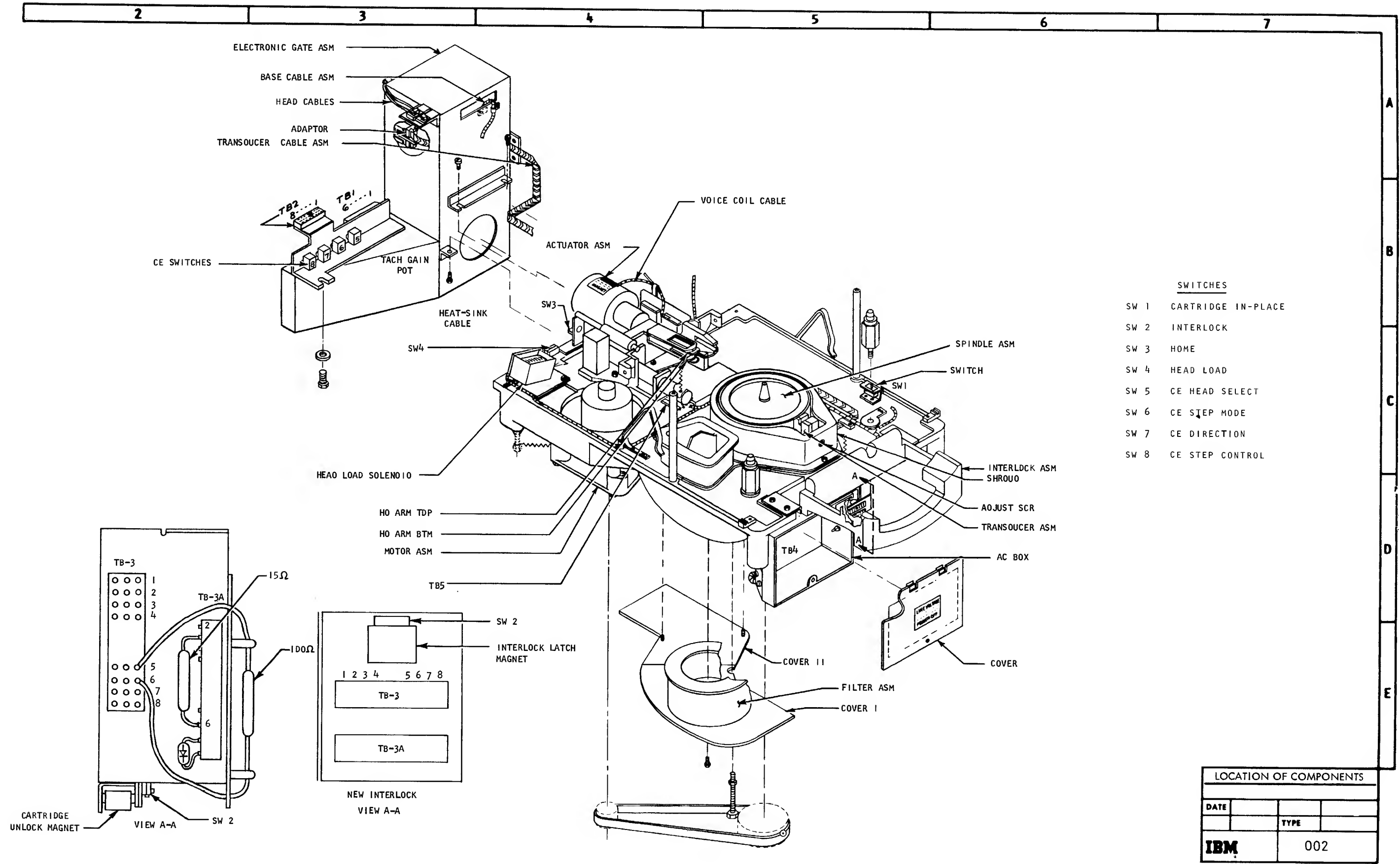
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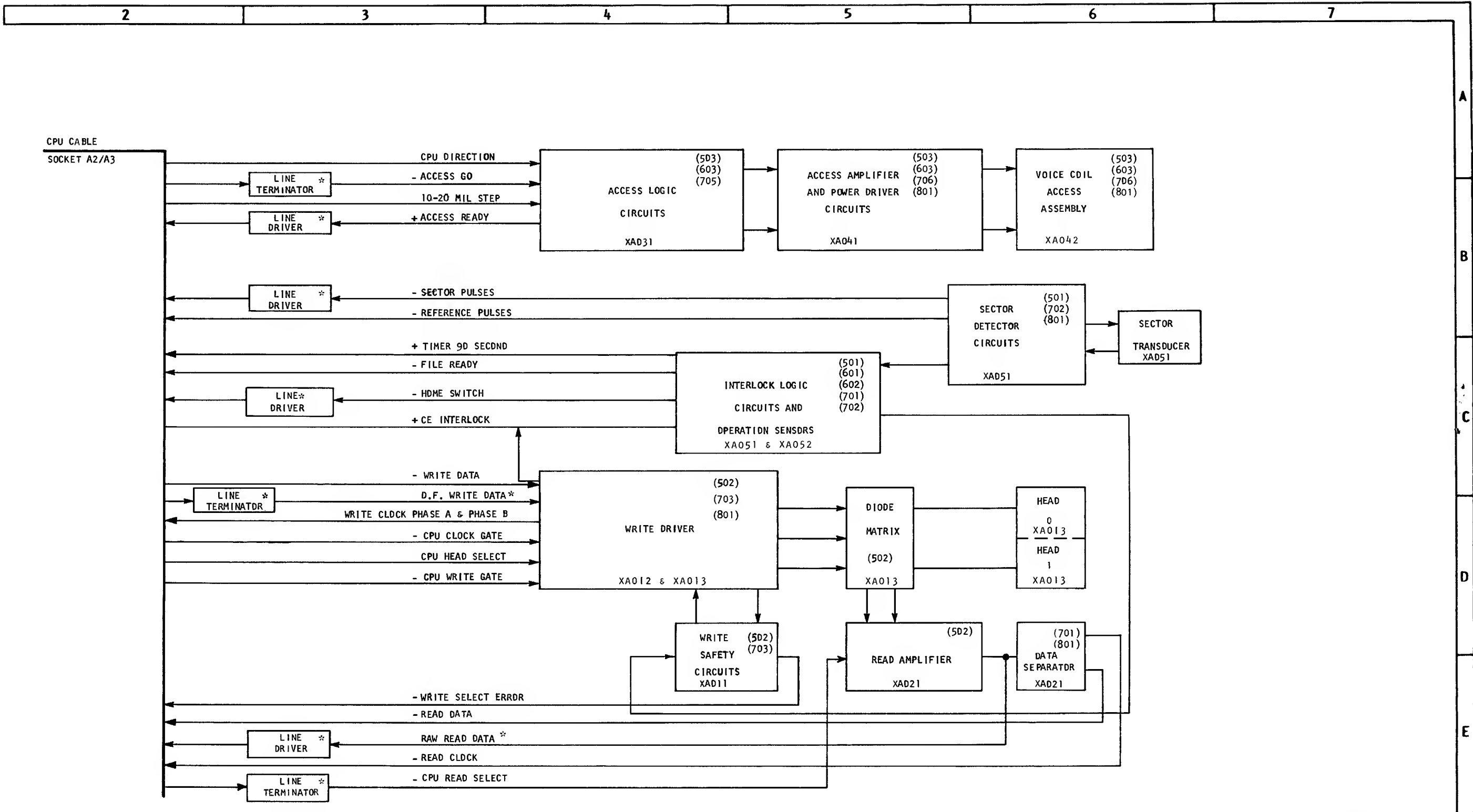
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- SWITCHES**
- SW 1 CARTRIDGE IN-PLACE
  - SW 2 INTERLOCK
  - SW 3 HOME
  - SW 4 HEAD LOAD
  - SW 5 CE HEAD SELECT
  - SW 6 CE STEP MODE
  - SW 7 CE DIRECTION
  - SW 8 CE STEP CONTROL

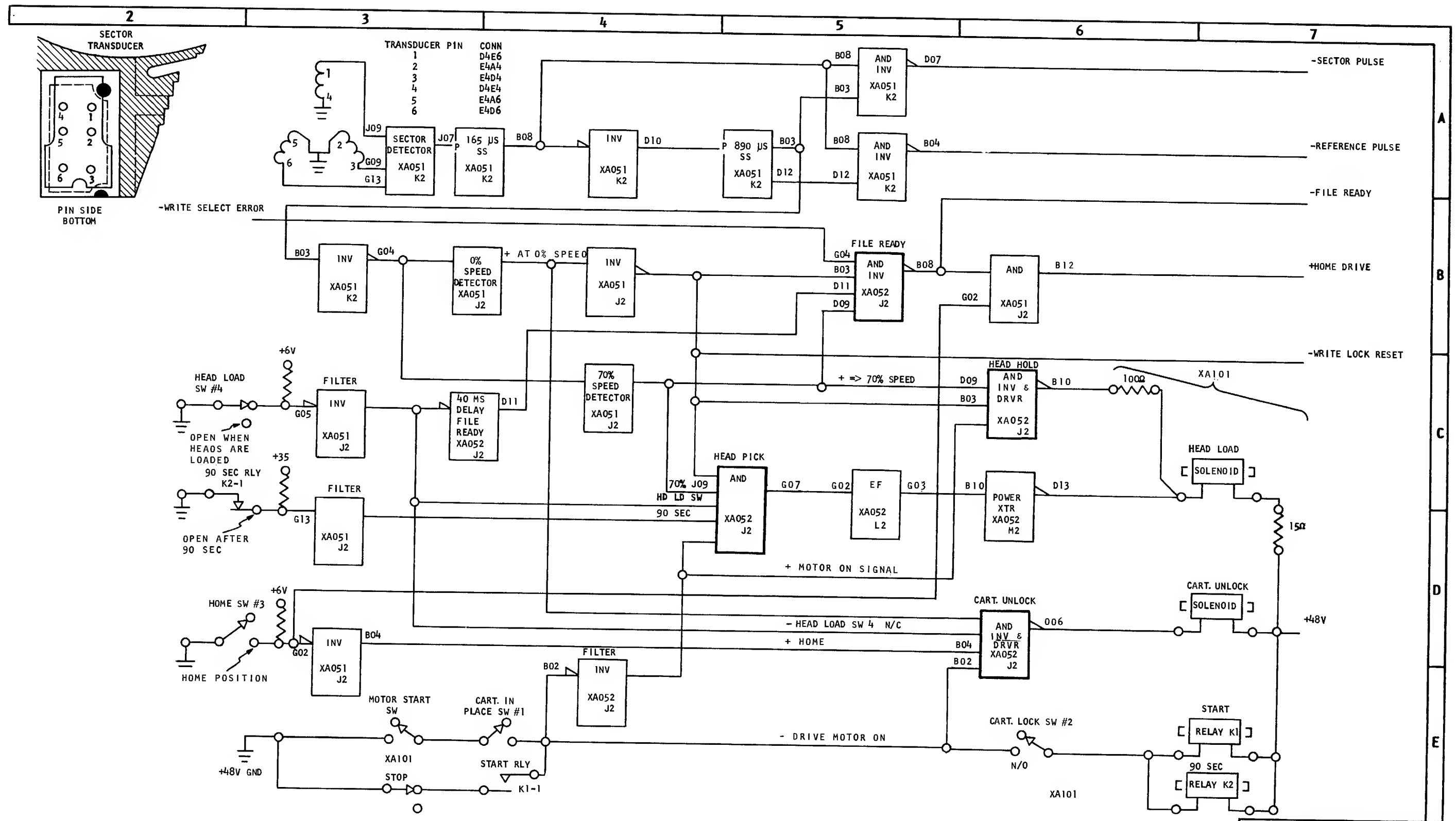
LOCATION OF COMPONENTS			
DATE		TYPE	
IBM		002	

Location of Components



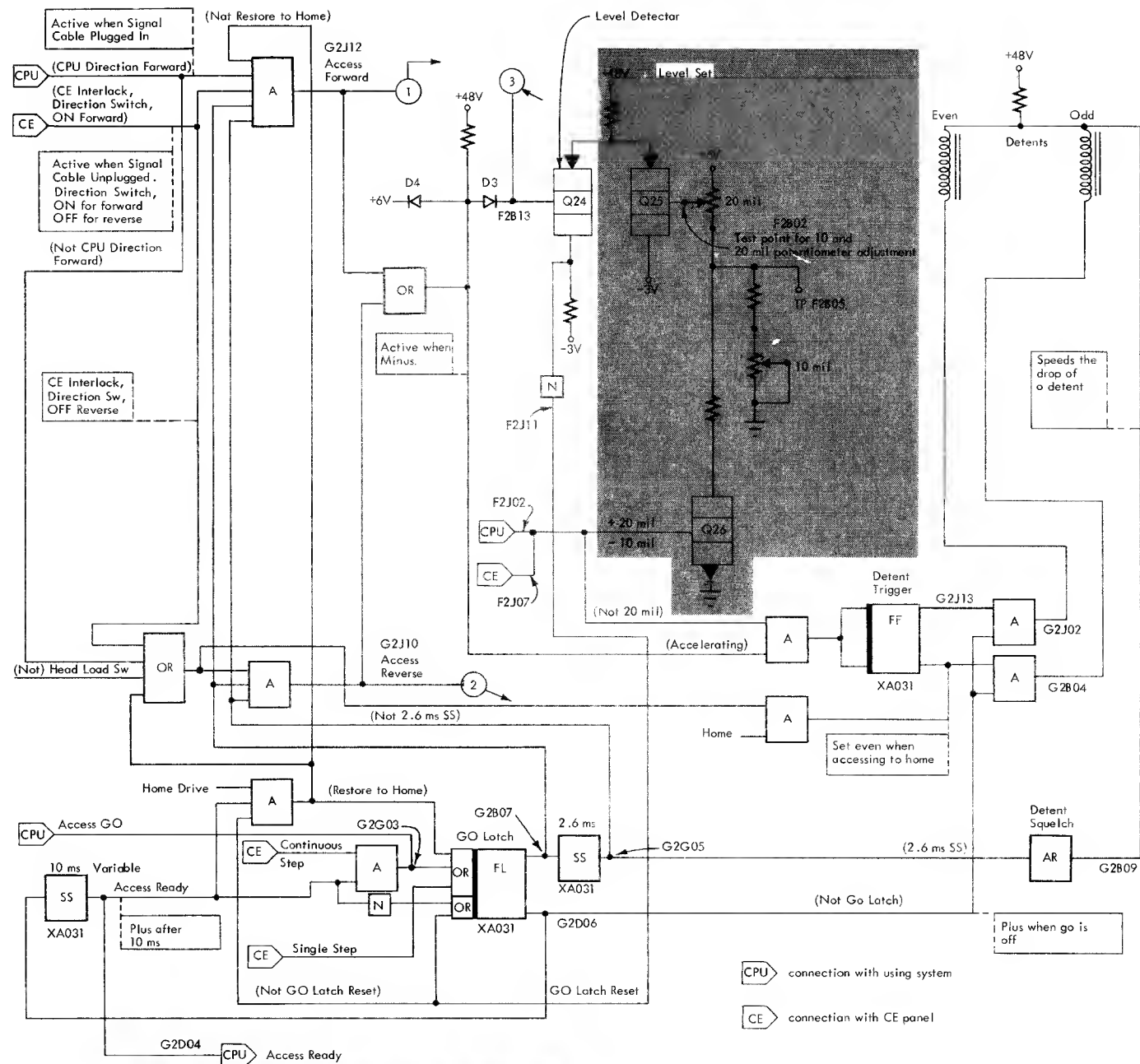
\* USED WITH 2310 REMDTE

DATA FLOW AND CONTROL			
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		TYPE	
IBM		102	

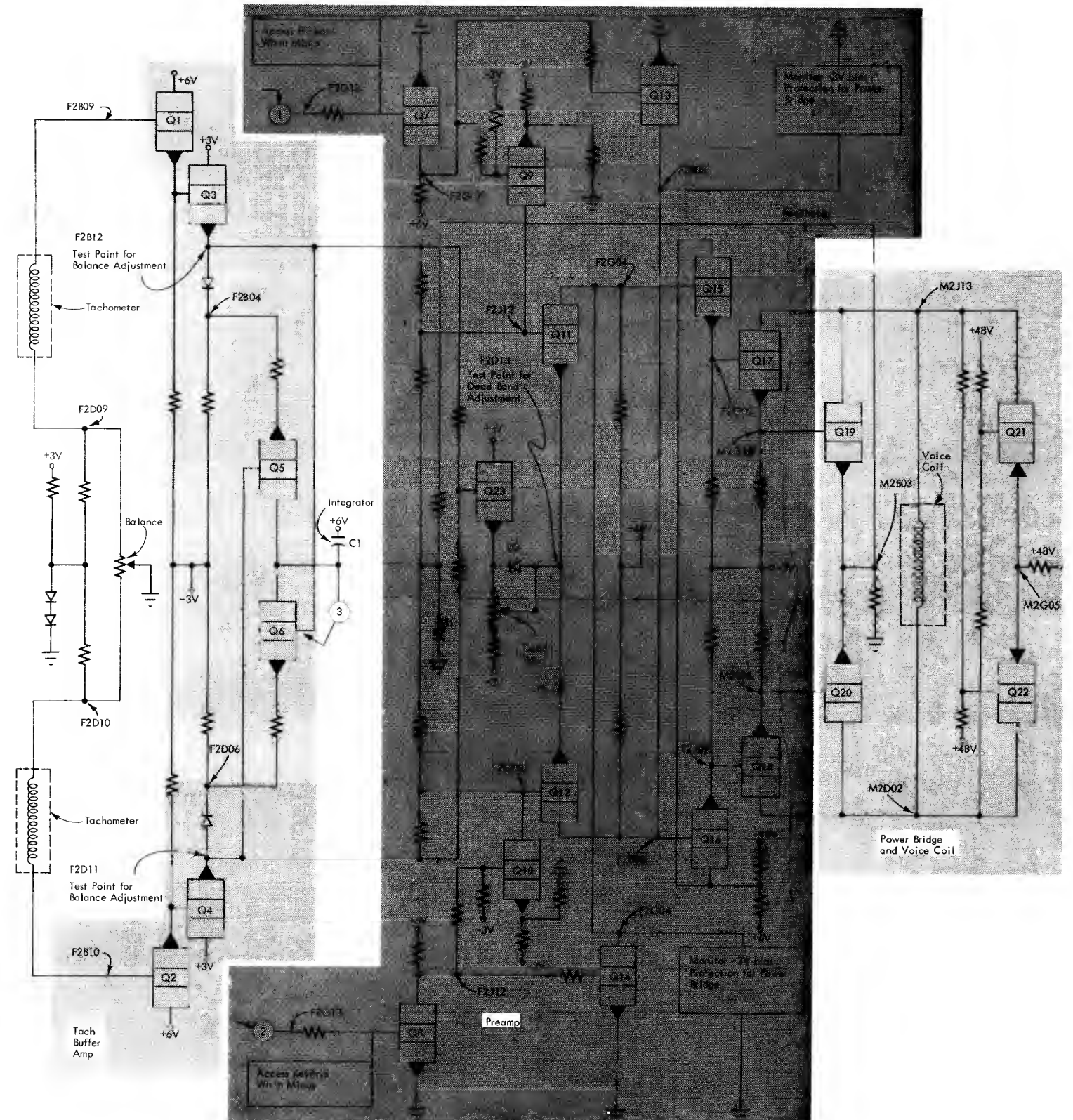


Sector Detector and Interlock

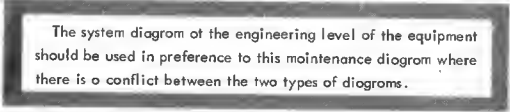


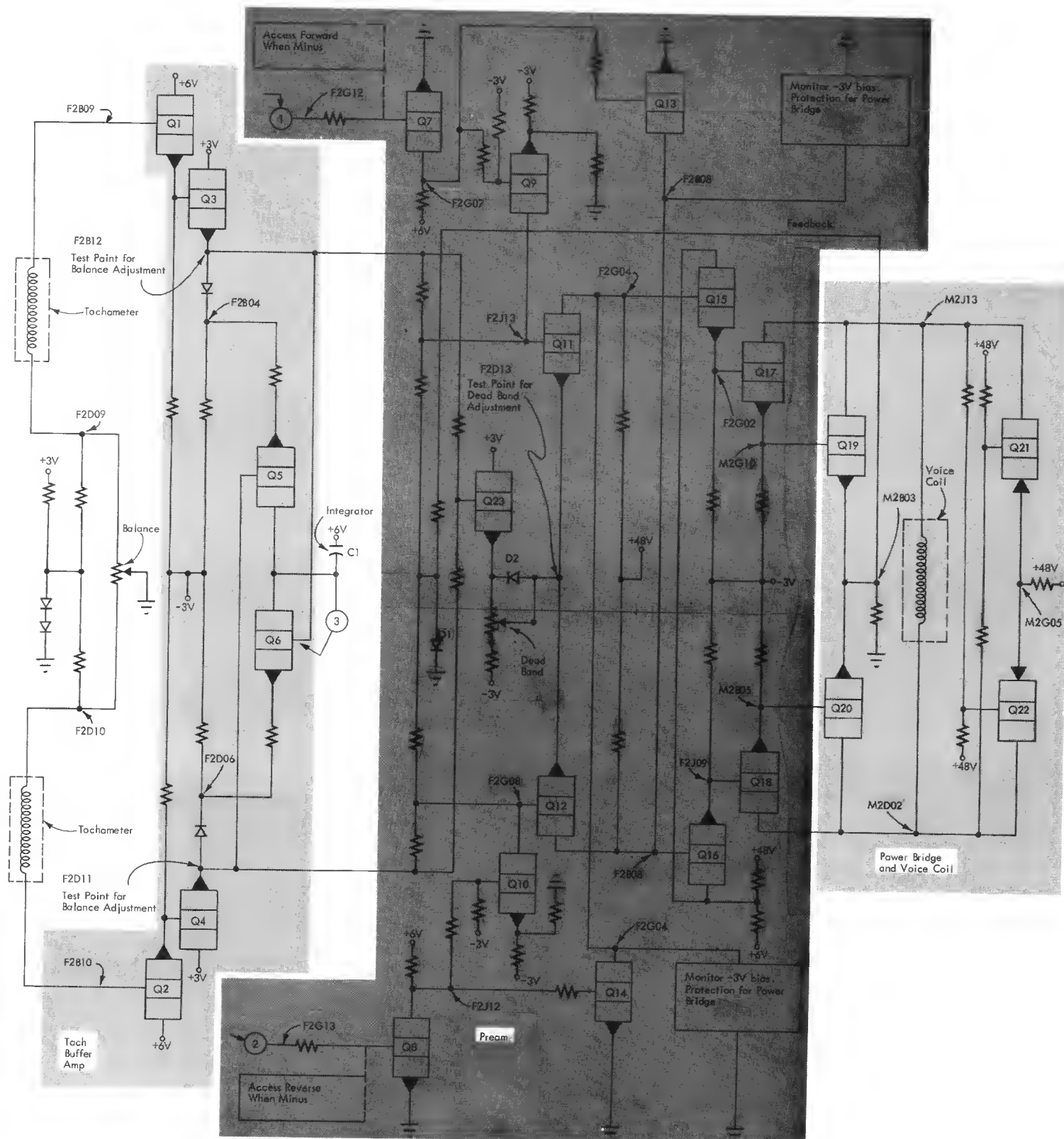


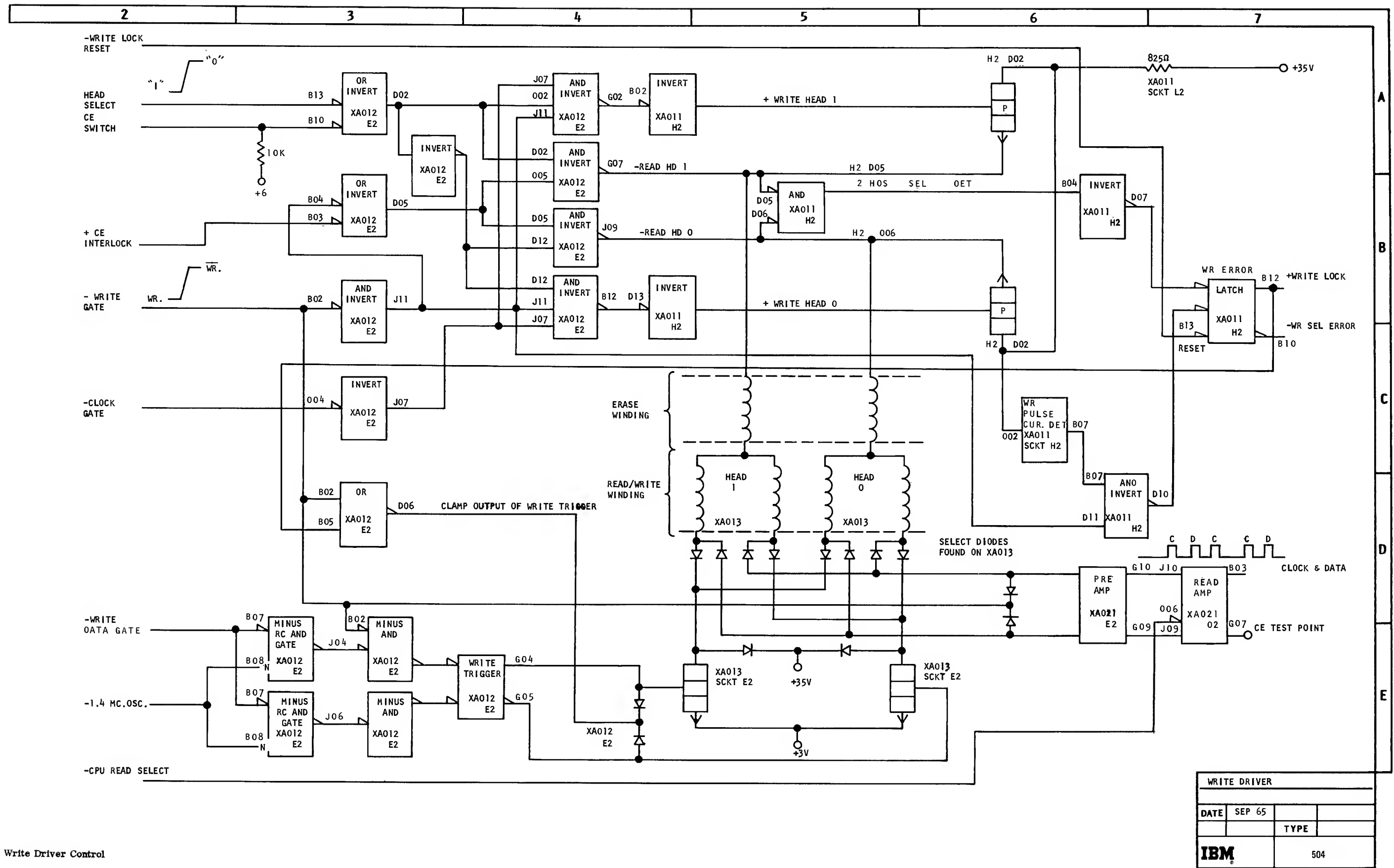
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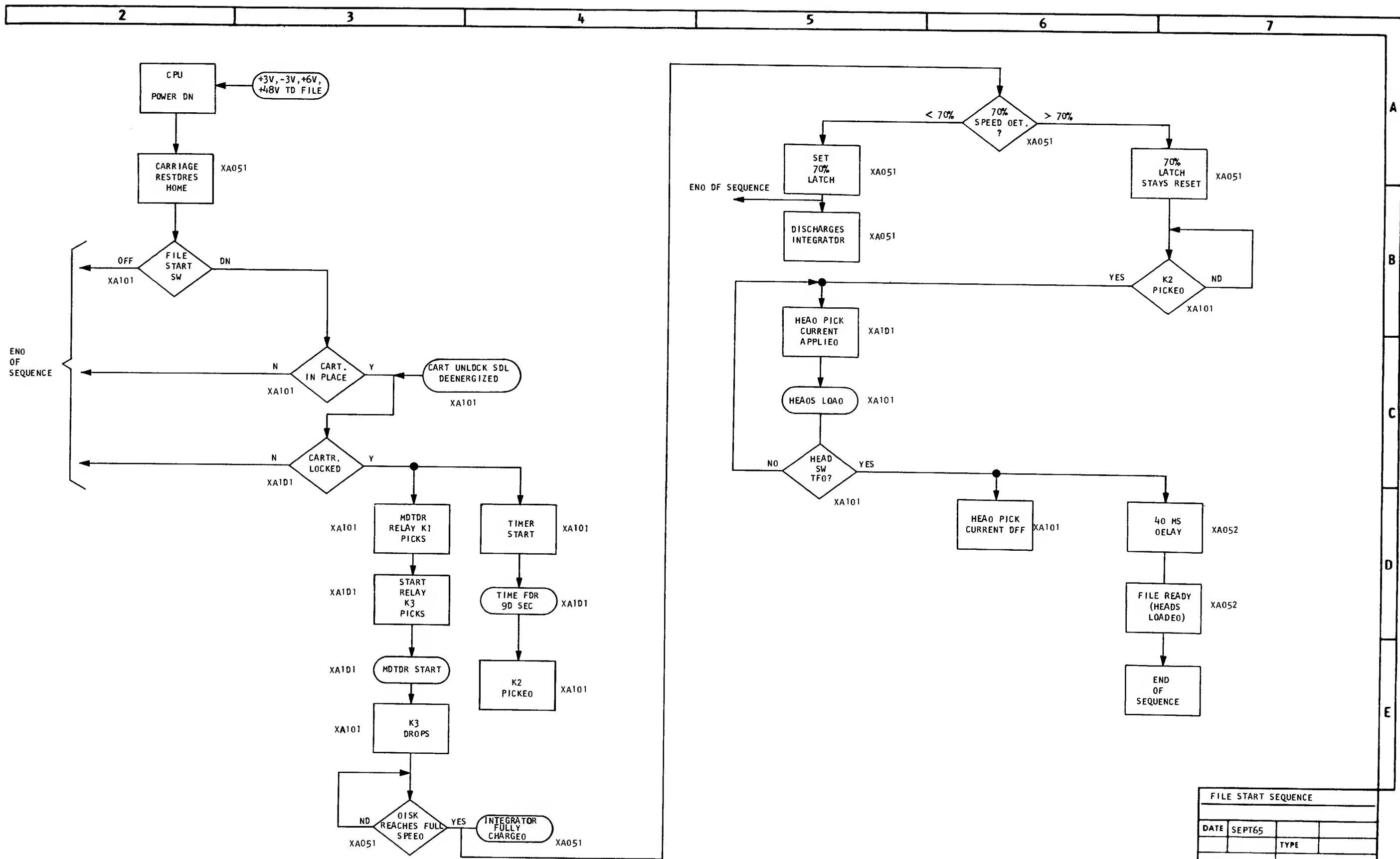






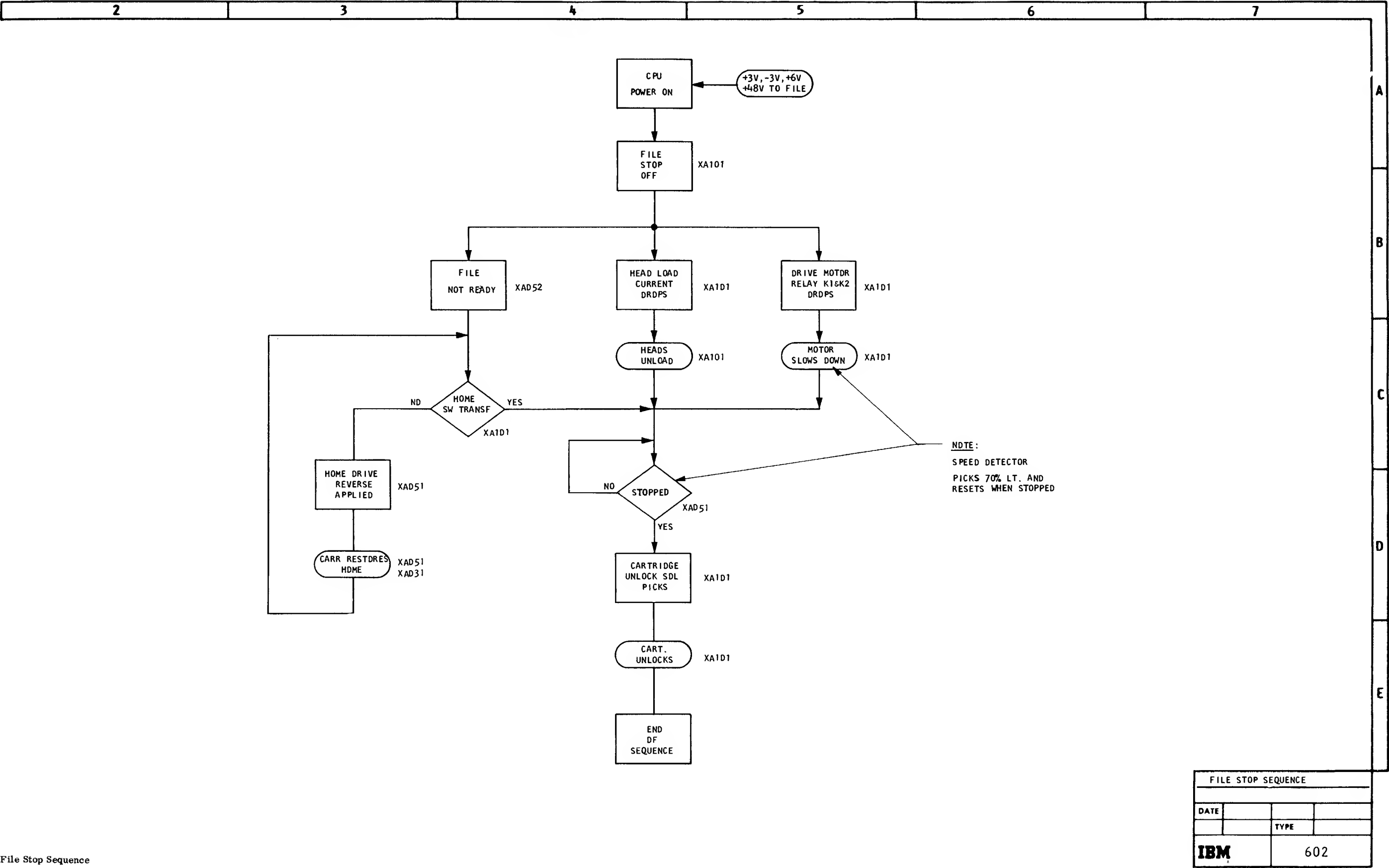


Write Driver Control



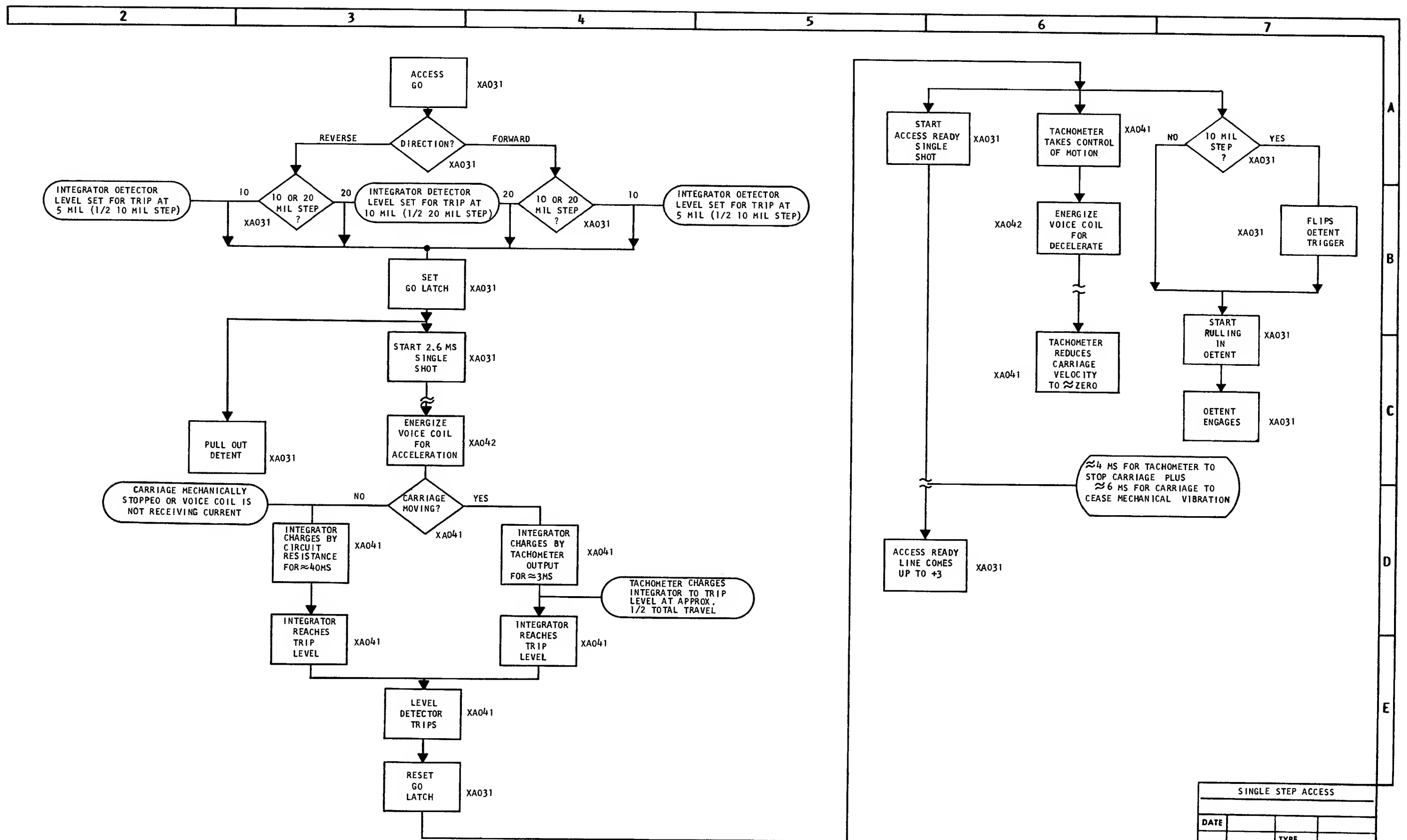
File Start Sequence

FILE START SEQUENCE			
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IBM		601	

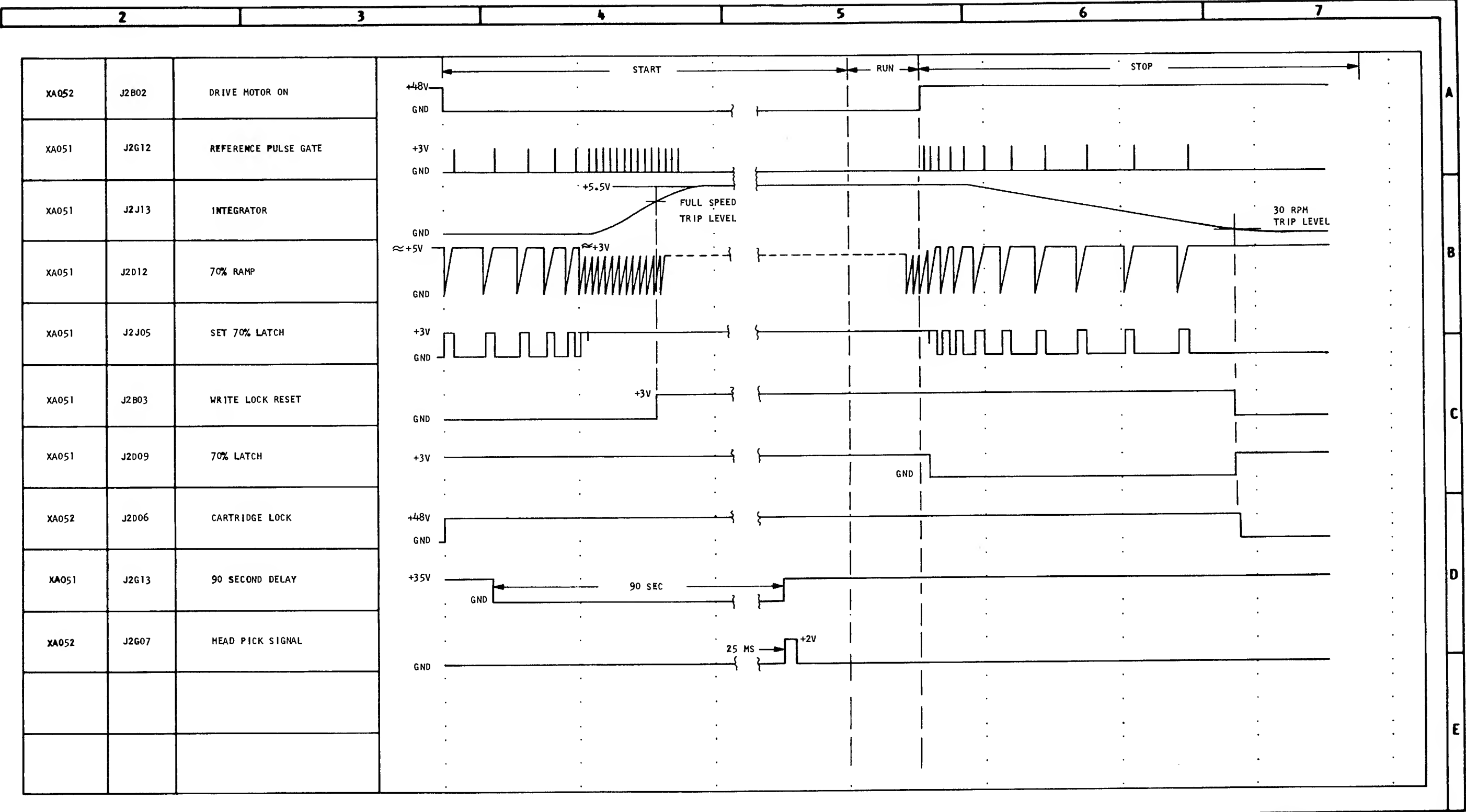


FILE STOP SEQUENCE			
DATE			
		TYPE	
IBM		602	

File Stop Sequence

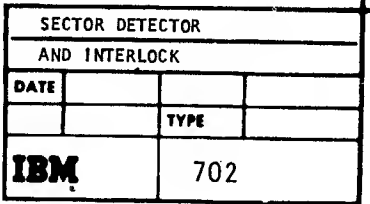


SINGLE STEP ACCESS			
DATE			
		TYPE	
IBM		603	

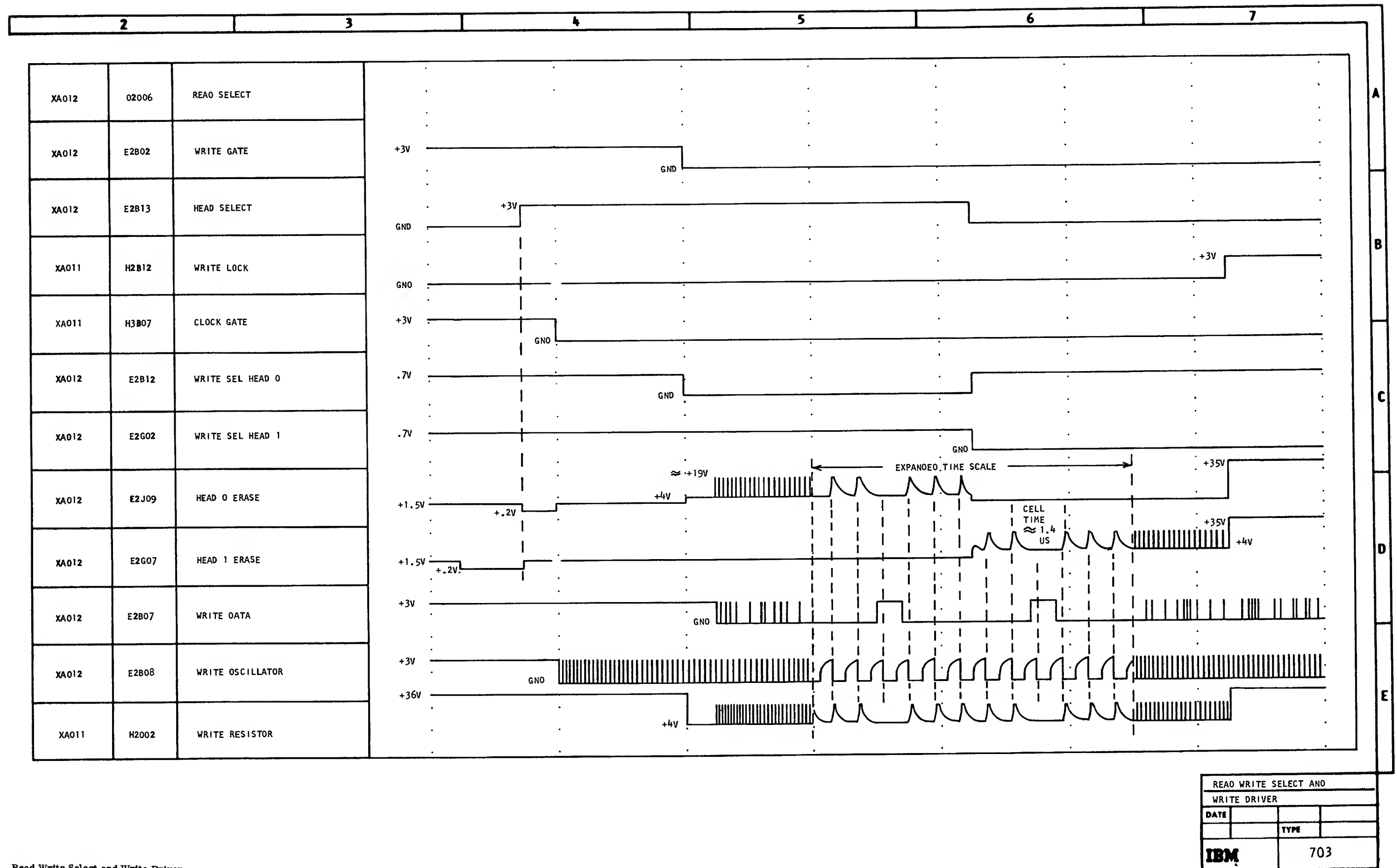


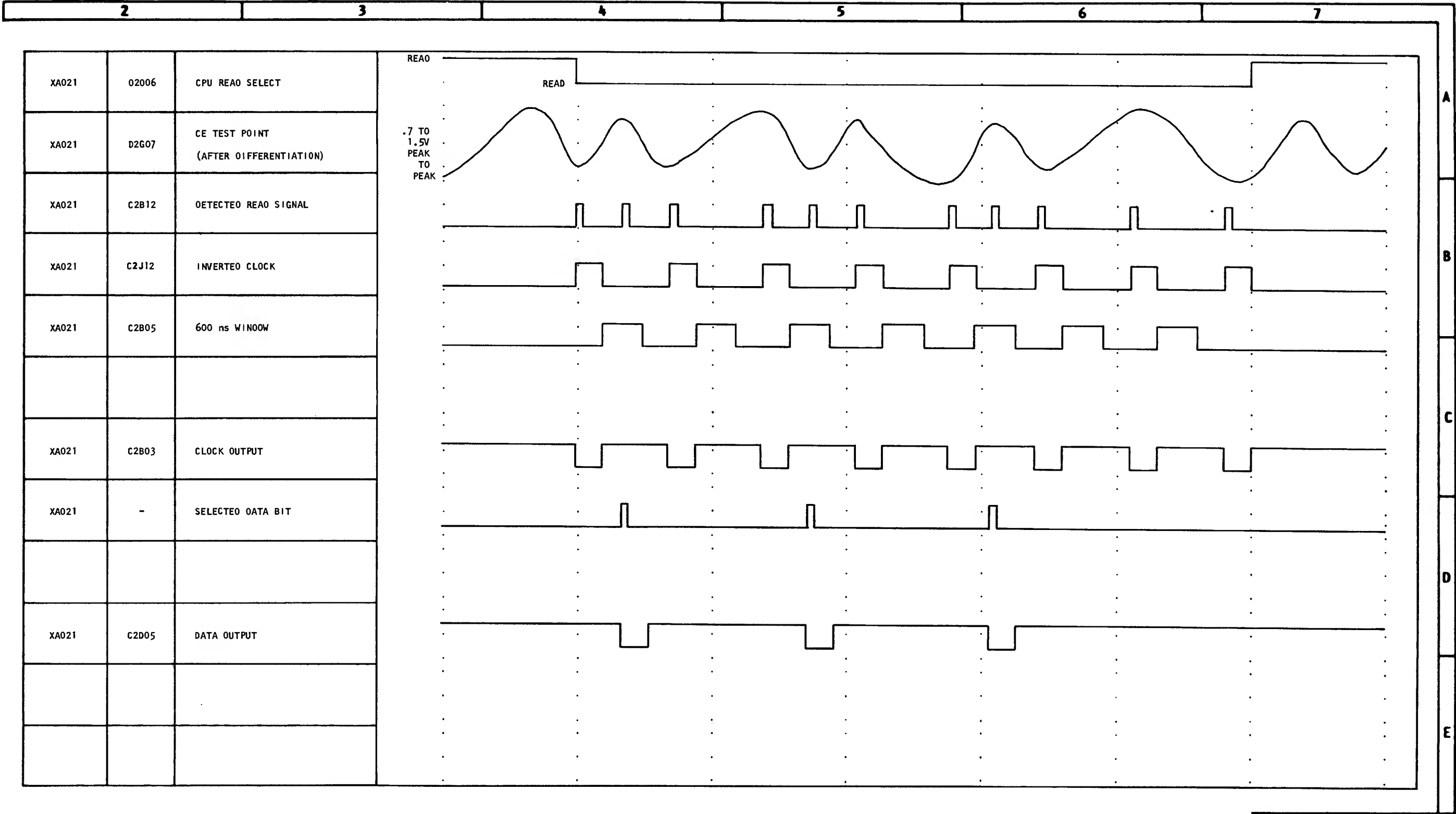
Sector Detector and Interlock (Part 1 of 2)

SECTOR DETECTOR AND INTERLOCK			
DATE			
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IBM		701	



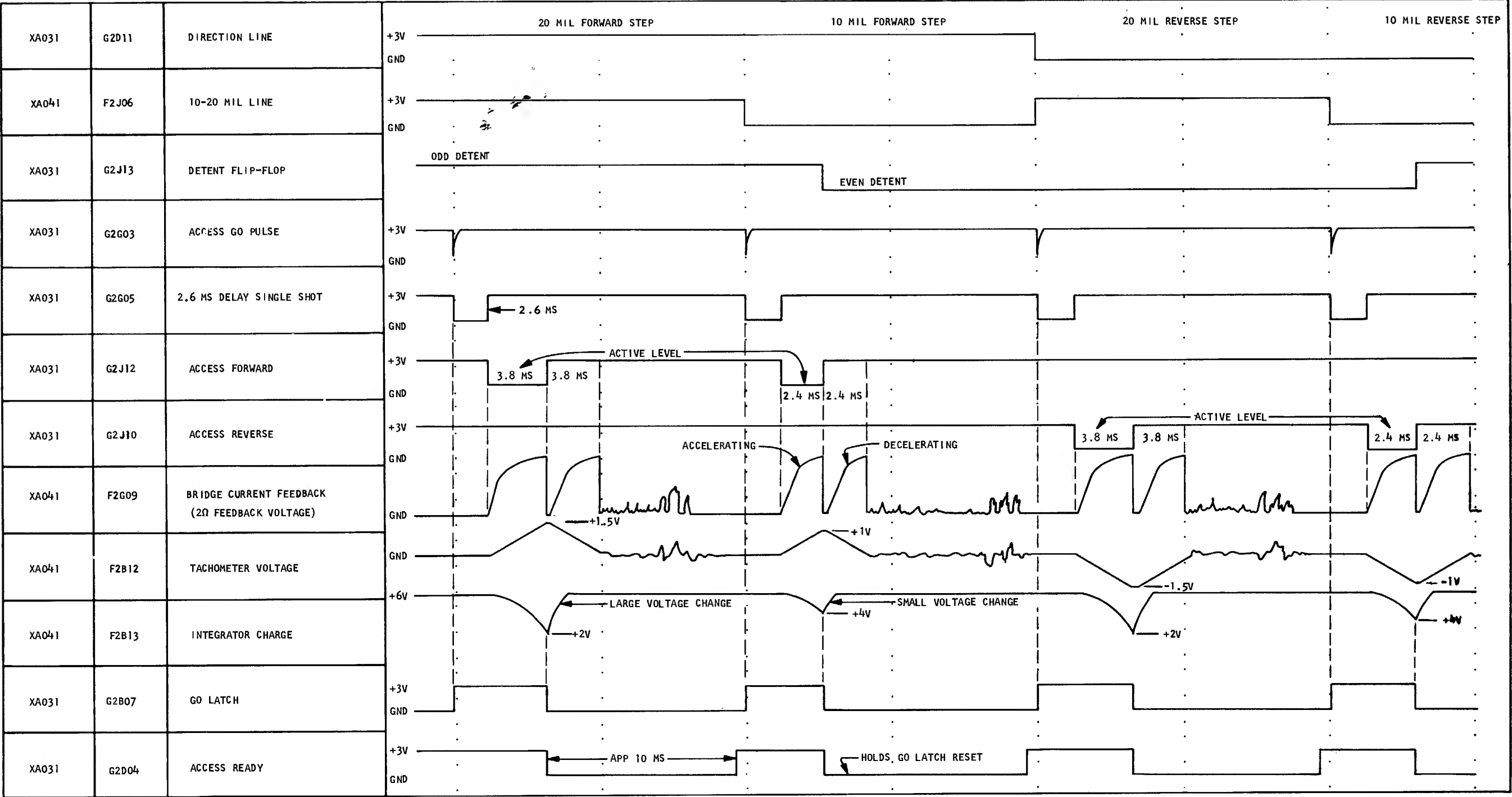




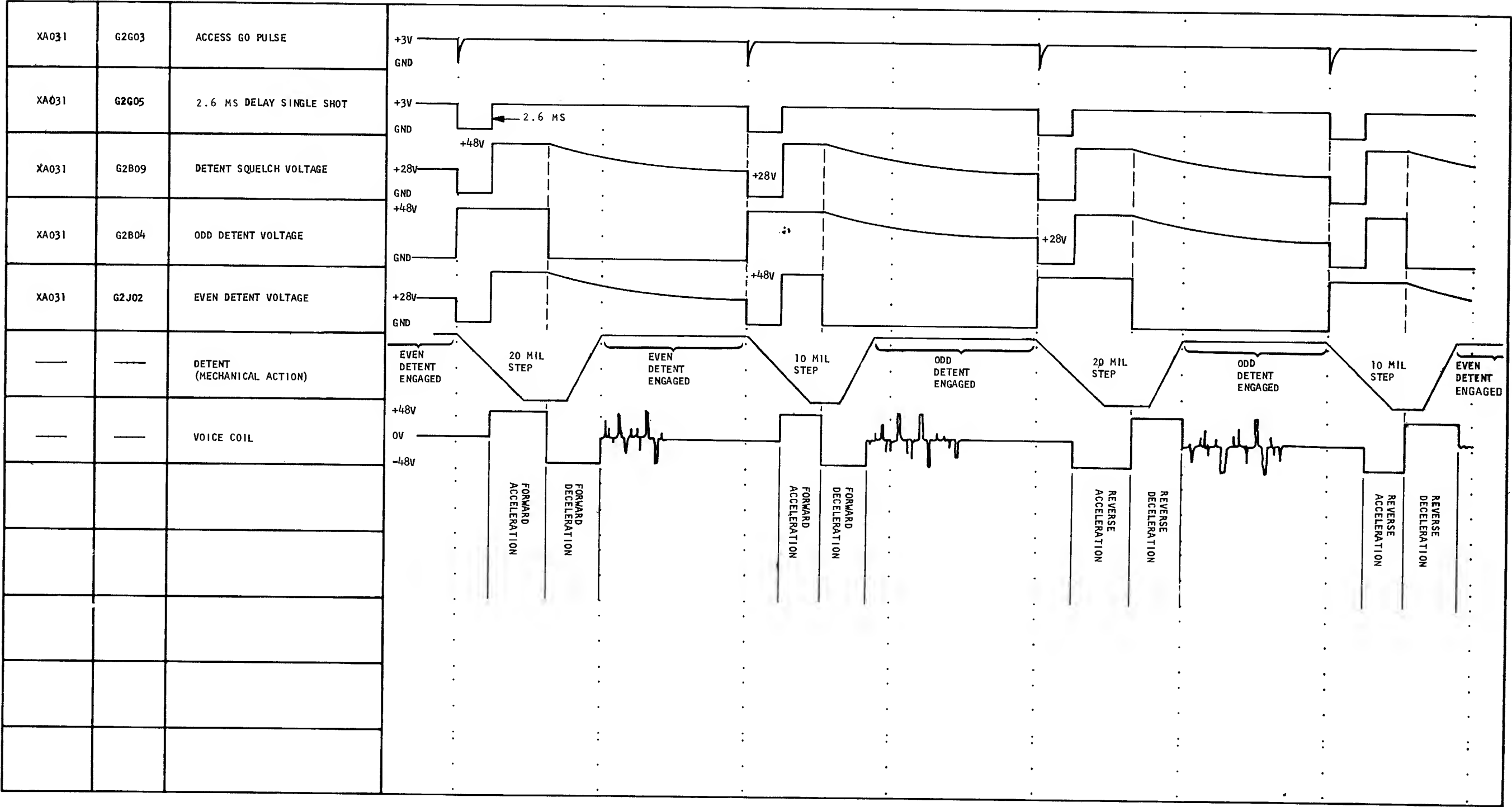


READ AMPLIFIER AND DATA			
SEPARATOR TIMING			
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IBM		704	

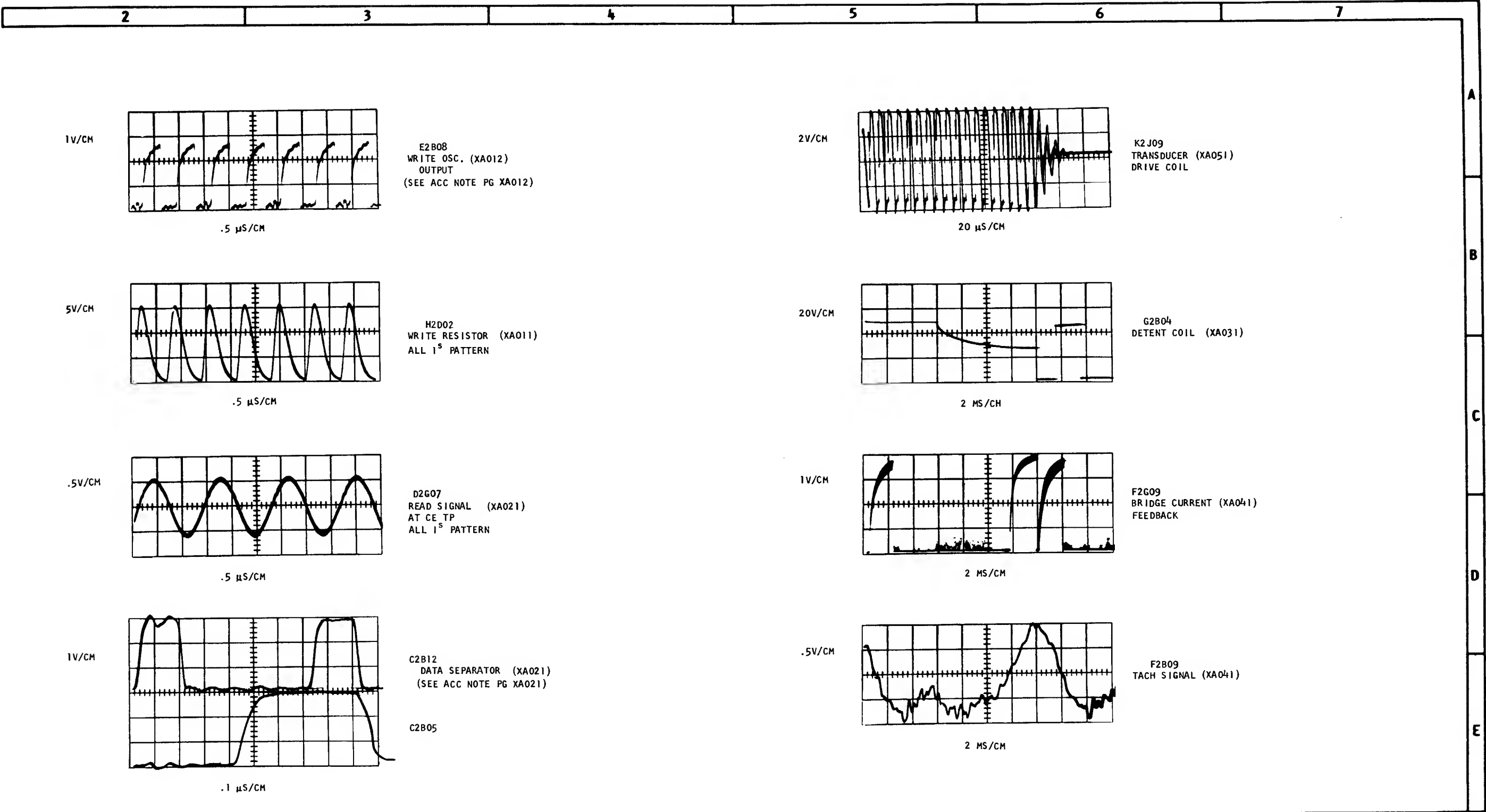
Read Amplifier and Data Separator Timing



Access Timing



Access Timing



X-Y Recordings

X-Y RECORDINGS			
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